

09/826,727

P5500-CP1-C1

**IN THE ABSTRACT**

Please add the following abstract:

**IMPROVED PROCESS FOR PRODUCING  
POLYBUTADIENE GOLF BALL CORES**

**Abstract of the Disclosure**

An improved process for producing polybutadiene golf ball cores is disclosed. The golf ball cores are from polybutadiene rubber compositions having a high Mooney viscosity and/or a high molecular weight and a low dispersity is disclosed. The apparatus includes an internal mixer that compounds a batch of golf ball core stock. A sheetor forms sheets of golf ball core stock and has a sheetor inlet proximate the mixer outlet and a sheetor outlet. A preform shaper forms golf ball core preforms from the sheets of golf ball core stock.